



JPW

|   |    |                        |                    |
|---|----|------------------------|--------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |    | Application No.        | 10/611,395         |
|   |    | Filing Date            | June 30, 2003      |
|   |    | First Named Inventor   | Shriram Ramanathan |
|   |    | Art Unit               | 2813               |
|   |    | Examiner Name          | Heather Anne Doty  |
| Total Number of Pages in This Submission  | 20 | Attorney Docket Number | 42P16666           |

| ENCLOSURES (check all that apply)   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> PTO/SB/08<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Basic Filing Fee<br><input type="checkbox"/> Declaration/POA<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s)<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><div style="border: 1px solid black; padding: 5px; margin-top: 5px;">* Return Receipt Postcard</div> |
| Remarks   |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Paul A. Mendonsa, Reg. No. 42,879<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature                                  |   |
| Date                                       | October 3, 2006   |

| CERTIFICATE OF MAILING/TRANSMISSION  |                 |      |                 |
|--|-----------------|------|-----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                 |      |                 |
| Typed or printed name  | Theresa Belland |      |                 |
| Signature  |                 | Date | October 3, 2006 |



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/611,395         |
| Filing Date          | June 30, 2003      |
| First Named Inventor | Shriram Ramanathan |
| Examiner Name        | Heather Anne Doty  |
| Art Unit             | 2813               |
| Attorney Docket No.  | 42P16666           |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s)

☒ Credit any overpayments

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

## FEE CALCULATION

| Large Entity              |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Fee Code                  | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051                      | 130      | 2051         | 65       | Surcharge - late filing fee or oath                              |          |
| 1052                      | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.          |          |
| 2053                      | 130      | 2053         | 130      | Non-English specification  |          |
| 1251                      | 120      | 2251         | 60       | Extension for reply within first month                           |          |
| 1252                      | 450      | 2252         | 225      | Extension for reply within second month                          |          |
| 1253                      | 1,020    | 2253         | 510      | Extension for reply within third month                           |          |
| 1254                      | 1,590    | 2254         | 795      | Extension for reply within fourth month                          |          |
| 1255                      | 2,160    | 2255         | 1,080    | Extension for reply within fifth month                           |          |
| 1401                      | 500      | 2401         | 250      | Notice of Appeal   |          |
| 1402                      | 500      | 2402         | 250      | Filing a brief in support of an appeal                           |          |
| 1403                      | 1,000    | 2403         | 500      | Request for oral hearing   |          |
| 1451                      | 1,510    | 2451         | 1,510    | Petition to institute a public use proceeding                    |          |
| 1460                      | 130      | 2460         | 130      | Petitions to the Commissioner                                    |          |
| 1807                      | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)                              |          |
| 1806                      | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                        |          |
| 1809                      | 790      | 1809         | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))    |          |
| 1810                      | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR § 1.129(b)) |          |
| Other fee (specify) _____ |          |              |          |  |          |
| SUBTOTAL (2)              |          |              |          | (\$)   |          |

## SUBMITTED BY

## Complete (if applicable)

|                   |                  |                                      |          |           |                |
|-------------------|------------------|--------------------------------------|----------|-----------|----------------|
| Name (Print/Type) | Paul A. Mendonsa | Registration No.<br>(Attorney/Agent) | 42,879   | Telephone | (503) 439-8778 |
| Signature         |                  | Date                                 | 10/03/06 |           |                |



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Shriram Ramanathan et al. )  
)  
Serial No.: 10/611,395 )  
)  
Filed: June 30, 2003 )  
)  
For: Methods for Bonding Wafers )  
Using a Metal Interlayer )  
)  
Examiner: Heather Anne Doty )  
)  
Group Art Unit: 2813 )  
)  
Attorney Docket No.: 42P16666 )  
)  
\_\_\_\_\_ )

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

This response is submitted in accordance with 37 C.F.R. § 1.111 in response to a  
non-final Office Action.

**INTRODUCTORY COMMENTS**

The following remarks are proposed in response to the Office Action mailed August 31, 2006.

Claims 1-27 are pending in the application. Claims 1-11 and 13-26 have been rejected, and claims 12 and 27 stand objected to. No claim amendments are proposed in this response.

Applicants respectfully request reconsideration of the application in view of the remarks set forth below.